

*SELECTABLE LOGICAL IDENTIFIER MAPPING*ABSTRACT

The present invention is directed to a configurable input/output interface and method for data transfer between a host and a target in a network environment. A method for providing data transfer between a host and a target in a network environment by a configurable input/output interface includes providing a logical identifier. The logical identifier is configurable for operation in at least two modes, the at least two modes including at least two of referencing multiple data transfer routes between the target and the input/output device utilizing a single logical identifier, referencing a single route between the target and the input/output device utilizing a logical identifier, and referencing a physical address of the target utilizing a logical identifier. Communications between the host and the target are managed by selecting a mode of the at least two modes operable by the input/output interface.